Title (en)

Spring arrangement for spring drive unit and spring drive unit comprising spring arrangement

Title (de)

Federanordnung für eine Federantriebseinheit und Federantriebseinheit mit der Federanordnung

Title (fr)

Agencement de ressort pour unité de ressort et unité de ressort comportant un agencement de ressort

Publication

EP 2075813 A1 20090701 (EN)

Application

EP 07124149 A 20071228

Priority

EP 07124149 A 20071228

Abstract (en)

The invention describes a spring arrangement (1) for spring drive unit (2), which spring arrangement comprises a spring (3; 4), a pullrod (5; 6) connected at a first pullrod end (11) to a first spring end (8) of the spring and connected at an opposite second pullrod end to a rotary shaft of the spring drive unit, a frame plate (7) against which a second spring end (9) of the spring is mounted and the frame plate (7) being provided with an opening through which the pullrod extends to be connected to the shaft. Further, the first spring end (8) of the spring (3; 4), to which the pullrod (5; 6) is connected, is unguided, and the parameters of the spring (3; 4) are chosen in response to the operating conditions of the spring drive unit (2) such that the spring is stable during operation.

IPC 8 full level

H01H 33/30 (2006.01); H01H 33/40 (2006.01)

CPC (source: EP US)

H01H 3/3026 (2013.01 - EP US); H01H 33/40 (2013.01 - EP US)

Citation (applicant)

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WO2020221947A1

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 07124149 A 20071228; CN 200810185006 A 20081226; JP 2008325157 A 20081222; US 34292608 A 20081223